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DOCKET NO.: 2709.2017-008

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February 10, 2006

IN THE UNITED STATES RECEIVING OFFICE (RO/US) Designated/Elected Office (DO/EO/US)

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U.S. National S International	Stage of Application No.:	PCT/US2004/025937	
International F	iling Date:	August 11, 2004	
Earliest Priorit	y Date:	August 13, 2003	
Applicants:		Richard F. Labaudiniere, Yibin Xiang, Ravi K. Jalluri and Anthony C. Arvanites	
Title:		Antibiotic Cycloalkyltetrahydroquinoline Derivatives	
Attorney's Doo	cket No.:	2709.2017-008	
	EXPRESS M.	Date: 13 February 2006 AIL LABEL NO. EV 21488 723245	
Mail Stop Amer Commissioner f P.O. Box 1450 Alexandria, VA	ndment For Patents	IATION DISCLOSURE STATEMENT	
Sir:			
[] under 3	on Disclosure Stateme 37 CFR 1.129(a), or and submission after Final Reject		
(Within an national st	Mark Index 37 CFR 1.97(b), or (Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).		
[] under 3] under 37 CFR 1.97(c) together with either:		
[]	a Statement under 37	CFR 1.97(e), as checked below, or	
[] (After the	a \$180.00 fee under 3 37 CFR 1.97(b) time period, but	7 CFR 1.17(p), or before final action or notice of allowance, whichever occurs first)	
[] under 3	er 37 CFR 1.97(d) together with:		
[]	a Statement under 37	CFR 1.97(e), as checked below, and	
[] (Filed afte	a \$180.00 fee under 3	7 CFR 1.17(p), or nee, whichever occurs first, but on or before payment of the issue fee)	

[] under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application file.

(Filed after payment of issue fee)

Docket No.: 2709.2017-008

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Statement Under 37 CFR 1.97(e)

[]	any c	ommuni	information contained in this Information Disclosure Statement was first cited in a cation from a foreign patent office in a counterpart foreign application not more onths prior to the filing of this Information Disclosure Statement; or
[]	comr know conta 37 C	nunication rledge of nined in t	formation contained in this Information Disclosure Statement was cited in a confrom a foreign patent office in a counterpart foreign application, and, to the fithe undersigned, after making reasonable inquiry, no item of information the information disclosure statement was known to any individual designated in (c) more than three months prior to the filing of this Information Disclosure
Stat	ement U	nder 37	CFR 1.704(d) (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000
[]	comr comr	nunication nunication	information contained in the Information Disclosure Statement was cited in a on from a foreign patent office in a counterpart application and this on was not received by any individual designated in § 1.56(c) more than thirty the filing of the Information Disclosure Statement.
[X] Enclo	osed here	ewith is form PTO-1449:
	[X]	Copie	s of the cited references C1-C18 are enclosed
		[X]	Copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
	[]	U.Ŝ. A	s of the cited references are enclosed except those entered in prior application, Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The application contains copies of the cited references.]
	[X]		sted references were cited in the enclosed International Search Report in US2004/025937.
	[]		concise explanation" requirement (non-English references) for reference(s) [er 37 CFR 1.98(a)(3) is satisfied by:
		[]	the explanation provided on the attached sheet.
		[]	the explanation provided in the Specification.
		[]	submission of the enclosed International Search Report.
		[]	submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
		[]	the enclosed English language abstract.

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.Docket No.: 2709.2017-008

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[]	A _j	pplic Tix a la	ant requests that the following the or apply the stamp "Non-Published IDS Re	non-published pending applic eference - Do Not Scan" to the front of each	eations be considered: h unpublished pending appl'n.)
Examiner's Initials					
			U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
	i		U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
<u></u>			U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
			Examiner	Date	-
	[A copy of each above-cited ap except any application filed or the PTO's Image File Wrapper	or after June 30, 2003, which r (IFW) system and is availab	h has been scanned into le to the examiner.
	L	J	A copy of each above-cited ap except those entered in prior a priority under 35 U.S.C. 120 is	pplication, U.S. Application 1	•
			is requested to return a copy of re considered with the next office		olications indicating which
It is re	que	sted	that the information disclosed	herein be made of record in th	is application.
Metho	d o	f pay	ment:		
[]			ck for the fee noted above is encompanying Reply. A copy of t	· · · · · · · · · · · · · · · · · · ·	luded in the check with
[]			charge Deposit Account 08-03	80 in the amount of \$[]	. A copy of this Statement
[X]	Ple	ease	charge any deficiency in fees a	nd credit any overpayment to	Deposit Account 08-0380.
)	Respectfully submitted,	
			1	HAMILTON, BROOK, SMIT	TH & REYNOLDS, P.C.
]	By DE TOI	
				Steven G. Davis Registration No.: 39,652	
				Telephone: (978) 341-0036 Facsimile: (978) 341-0136	

Concord, MA 01742-9133

Dated: Fe

February 13 2006

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PTO-1449 REPRODUCED INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	ATTORNEY DOCKET NO. 2709.2017-008 APPLICATION NO 6 8 2		8252	
IN AN APPLICATION	FIRST NAMED INVENTOR Richard F. Labaudiniere		FILING DATE	
02/10/06 (Use several sheets if necessary)	EXAMINER	CONF	RMATION NO.	GROUP

		U.S. PA	ATENT DOCUMENTS	
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	Al	5,925,527 A	07-20-1999	Hayes, et al.
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INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	FIRST NAMED INVENTOR FILING DATE Richard F. Labaudiniere			
02/10/06 (Use several sheets if necessary)	EXAMINER	CONFI	IRMATION NO.	GROUP

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
CI	Baum, E. Z., et al., "Identification and Characterization of New Inhibitors of the Escherichia coli MurA Enzyme," Antimicrobial Agents and Chemotherapy, 45(11):3182-3188 (2001).
C2	Kim, D. H., et al., "Characterization of a Cys115 to Asp Substitution in the Escherichia coli Cell Wall Biosynthetic Enzyme UDP-GlcNAc Enolpyruvyl Transferase (MurA) That Confers Resistance to Inactivation by the Antibiotic Fosfomycin," Biochemistry, 35:4923-4928 (1996).
C3	Schönbrunn E., et al., "Role of the Loop Containing Residue 115 in the Induced-Fit Mechanism of the Bacterial Cell Wall Biosynthetic Enzyme MurA," Biochemistry, 39(9):2164-2173 (2000).
C4	Lucchini, V., et al., "Cycloaddition Reactions of Ketoimines. Part II. Synthesis of Substituted Phenanthridines and Cyclopenta[c]quinolines [1]," J. Heterocyclic Chem., 23:1135-1139 (1986).
C5	DATABASE REGISTRY CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US, "3H-Cyclopenta[e]quinoline-4-carboxylic acid, 8-(aminosulfonyl)-3a, 4, 5, 9b-tetrahydro- (9CI), 17 October 2000 Database Accession No. 296243-56-6, XP002325755, abstract.
C6	DATABASE REGISTRY CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US, "3H-Cyclopenta[c]quinoline-4, 8-dicarboxylic acid, 3a, 4, 5, 9b-tetrahydro-, 8-ethyl ester (9CI), 29 August 2001 Database Accession No. 353484-61-4, XP002325756, abstract.
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C?	DATABASE REGISTRY CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US, "3H-Cyclopenta[c]quinoline-4, 6-dicarboxylic acid, 3a, 4, 5, 9b-tetrahydro-, 6-[1, 1'-biphenyl]-4-yl ester (9CI), 18 November 2002 Database Accession No. 473800-45-2, XP002325758, abstract.
С7	DATABASE REGISTRY CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US, "3H-Cyclopenta[c]quinoline-4, 8-dicarboxylic acid, 3a, 4, 5, 9b-tetrahydro-, 8-(2-naphthalenyl) ester (9CI), 21 November 2002 Database Accession No. 474085-26-2, XP002325759, abstract.
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IAP9 Rec'd PCT/PTO 13 FEB. 2006

PTO-1449 REPRODUCED	ATTORNEY DOCKET NO. 2709.2017-008		APPLIC 110 19568252		
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	FIRST NAMED INVENTOR Richard F. Labaudiniere FILING DATE				
02/10/06 (Use several sheets if necessary)	EXAMINER	CONF	IRMATION NO.	GROUP	

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
CII	DATABASE REGISTRY CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US, "3H-Cyclopenta[c]quinoline-4, 8-dicarboxylic acid, 3a, 4, 5, 9b-tetrahydro-, 8-butyl ester (9CI), 25 November 2002 Database Accession No. 474376-39-1, XP002325761, abstract.
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C15	Ahuja, S., "Chiral Separations by Chromatography," In Chiral Separations by Chromatography, Ahuja, S., eds. (UK: Oxford University Press) Table of Contents (2000).
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C17	"The Science and Practice of Pharmacy," In Remington's Pharmaceutical Sciences, 19th edition, (Easton, PA: Mack Publishing Co.) (1995).
C18	Skarzynski, T., et al., "Structure of UDP-N-acetylglucosamine Enolpyruvyl Transferase, an Enzyme Essential for the Synthesis of Bacterial Peptidoglycan, Complexed With Substrate UDP-N-acetylglucosamine and the Drug Fosfomycin," Structure, 4(12):1465-1474 (1996).

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